FEMS Microbiology Letters

AUTHOR INDEX VOLUME 93

Akatova, E., Schumacher-Perdreau, F. and Pulverer, G.
A DNA-probe for the detection of the species *Staphylococcus haemolyticus* (93) 93
Al-Jumaili, I., Burke, D.A., Scotland, S.M., Al-Mardini, H. and Record, C.O.
A method of enhancing verocytotoxin production by *Escherichia coli* (93) 121
Al-Mardini, H., see Al-Jumaili, I. (93) 121
Alvarez, G., see Ramirez-Santos, J. (93) 189
An, G.-H., see Chun, S.B. (93) 221
Arán, V., see Caparrós, M. (93) 139
Ash, C., see Farrow, J.A.E. (93) 167

Baev, M.V., see Kiriukhin, M.Y. (93) 155
Bai, S., see Chun, S.B. (93) 221
Bai, S., see Park, J.C. (93) 17
Barbé, J., see Garí, E. (93) 103
Bardonnet, N. and Blanco, C.
'uidA-antibiotic-resistance cassettes for insertion mutagenesis, gene fusions and genetic constructions (93) 243
Beckman, D.L., see Kranz, R.G. (93) 25
Belin, J.-M., see Serrano-Carreon, L. (93) 181
Bellahsene, R., see Ruiz Santa Quiteria, J.A. (93) 173
Bensoussan, M., see Serrano-Carreon, L. (93) 181
Blanco, C., see Bardonnet, N. (93) 243
Britt, A.J., Bruce, N.C. and Lowe, C.R.
Purification and characterisation of an NAD^+-dependent secondary alcohol dehydrogenase from *Pseudomonas maltophilia* MB11L (93) 49
Bron, S., see Oskam, L. (93) 203
Bruce, N.C., see Britt, A.J. (93) 49
Burke, D.A., see Al-Jumaili, I. (93) 121
Burns, D.L., see Nagai, M. (93) 133

Caiola, M.G., see Forni, C. (93) 269
Caparrós, M., Arán, V. and De Pedro, M.A.
Incorporation of *S*-[^{3}H]methyl-D-cysteine into the peptidoglycan of ether-treated cells of *Escherichia coli* (93) 139
Carne, A., see Scott, J.C. (93) 97
Carrascosa, J.L., see Marco, S. (93) 127
Carter, M.J., see Milton, I.D. (93) 37
Casella, S., Rossi, N. and Toffanin, A.
Cell surface lipopolysaccharides of different rhizobia (93) 213
Casey, Th.A., see Jensen, N.S. (93) 235
Chin, J.E., see Chun, S.B. (93) 221
Chun, S.B., Chin, J.E., Bai, S. and An, G.-H.
Strain improvement of *Phaffia rhodozyma* by protoplast fusion (93) 221
Chun, S.B., see Park, J.C. (93) 17
Cid, D., see Ruiz Santa Quiteria, J.A. (93) 173
Cisneros, E., see Ramirez-Santos, J. (93) 189
Claeys, G., see Vaneechoutte, M. (93) 227
Collins, M.D., see Farrow, J.A.E. (93) 167
Cree, R.G.A., see Noble, W.C. (93) 195

De la Fuente, R., see Ruiz Santa Quiteria, J.A. (93) 173
Del Gallo, M., see Forni, C. (93) 269
De Pedro, M.A., see Caparrós, M. (93) 139
De Rouck, A., see Vaneechoutte, M. (93) 227
Detkov, S.Y., see Kiriukhin, M.Y. (93) 155
De Vos, P., see Vaneechoutte, M. (93) 227
Doerner, K.C., Howard, G.T., Mackie, R.I. and White, B.A.
β-Glucanase expression by *Ruminococcus flavefaciens* FD-1 (93) 147
Dunn, J., see Luft, B.J. (93) 63

Endoh, M., see Nagai, M. (93) 133
Endres, M., see Grüter, L. (93) 33
Eriksen, S.H., Haasum, I., Jensen, B. and Olsen, J.
Description of conidia from submerged cultivation of *Thermomyces lanuginosus* for use as a uniform inoculum (93) 279

Farrow, J.A.E., Ash, C., Wallbanks, S. and Collins, M.D.
Phylogenetic analysis of the genera *Planococcus*, *Marinococcus* and *Sporosarcina* and their relationships to members of the genus *Bacillus* (93) 167
Fiers, T., see Vaneechoutte, M. (93) 227
Fiseene, S., see Luft, B.J. (93) 63
Forni, C., Haegi, A., Del Gallo, M. and Caiola, M.G.
Production of polysaccharides by *Arthrobacter globiformis* associated with *Anabaena azollae* in *Azolla* leaf cavity (93) 269
Foster-Hartnett, D., see Kranz, R.G. (93) 25
Fournier, G., see Vedel, G. (93) 161
Fukagawa, T., Suzuki, S., Fukunaga, K., Suzuki, T. and Takama, K.
Isolation and characterization of tributyltin chloride-resistant marine *Vibrio* (93) 83
Fukunaga, K., see Fukagawa, T. (93) 83

Garí, E., Toledo, J.C., Gibert, I. and Barbé, J.
Nucleotide sequence of the methoxyneurosporene dehydrogenase gene from *Rhodobacter sphaeroides*: Comparison with other bacterial carotenoid dehydrogenases (93) 103
Gatermann, S., see Grüter, L. (93) 33

Gibert, I., see Garí, E. (93) 103
Gillis, M., see Vaneechoutte, M. (93) 227
Gilly, L., see Vedel, G. (93) 161
Gomez-Eichelmann, M.C., see Ramirez-Santos, J. (93) 189
Gorevic, P.D., see Luft, B.J. (93) 63
Goussard, S., see Vedel, G. (93) 161
Grego, J., see Šajbidor, J. (93) 13
Grešík, M., see Kolarova, N. (93) 275
Grüter, L., Endres, M. and Gatermann, S.
Cloning and expression of *Staphylococcus epidermidis* urease gene sequences in *Staphylococcus carnosus* (93) 33
Gustafsson, P., see Sellstedt, A. (93) 1

Haasum, I., see Eriksen, S.H. (93) 279
Haegi, A., see Forni, C. (93) 269
Hájek, P., see Novák, J. (93) 57
Haplová, J., see Kolarova, N. (93) 275
Harder, W., see Keizer, I. (93) 7
Hatano, K.-i., see Tanimoto, T. (93) 177
Hathout, Y., see Serrano-Carreon, L. (93) 181
Howard, G.T., see Doerner, K.C. (93) 147
Hustede, E., Steinbüchel, A. and Schlegel, H.G.
Cloning of poly(3-hydroxybutyric acid) synthase genes of *Rhodobacter sphaeroides* and *Rhodospirillum rubrum* and heterologous expression in *Alcaligenes eutrophus* (93) 285

Ishii, S., Murakami, T. and Shishido, K.
A pSC101-*par* sequence-mediated study on the intracellular state of supercoiling of the pBR322 genome in *Escherichia coli* DNA topoisomerase I deletion mutant (93) 115

Jahnke, L.L.
The effects of growth temperature on the methyl sterol and phospholipid fatty acid composition of *Methylococcus capsulatus* (Bath) (93) 209
Janssens, D., see Vaneechoutte, M. (93) 227
Jensen, B., see Eriksen, S.H. (93) 279
Jensen, N.S., Casey, Th.A. and Stanton, Th.B.
Characterization of *Serpulina* (*Treponema*) *hyodysenteriae* and related intestinal spirochetes by ribosomal RNA gene restriction patterns (93) 235
Jiang, W., see Luft, B.J. (93) 63

Keizer, I., Roggenkamp, R., Harder, W. and Veenhuis, M.
Location of catalase in crystalline peroxisomes of methanol-grown *Hansenula polymorpha* (93) 7
Kersters, K., see Vaneechoutte, M. (93) 227
Kim, D.-h., see Tanimoto, T. (93) 177
Kiriukhin, M.Y., Detkov, S.Y., Baev, M.V. and Tsygankov, Y.D.
$NADP^+$-dependent glutamate dehydrogenase from the obligate methylotroph *Methylobacillus flagellatum* (93) 155
Kocabiyik, S. and Perlin, M.H.
Altered substrate specificity by substitutions at Tyr218 in bacterial aminoglycoside 3′-phosphotransferase-II (93) 199
Kolarova, N., Haplová, J. and Grešík, M.
Light-activated adenyl cyclase from *Trichoderma viride* (93) 275
Kono, M., see Sasatsu, M. (93) 109
Kranz, R.G., Beckman, D.L. and Foster-Hartnett, D.
DNA gyrase activities from *Rhodobacter capsulatus*: analysis of target(s) of coumarins and cloning of the *gyrB* locus (93) 25

Langford, P.R. and Moxon, E.R.
Growth of *Haemophilus influenzae* type b in continuous culture: Effect of dilution rate on outer-membrane protein and lipopolysaccharide expression (93) 43
Lindström, E.B., see Sehlin, H.M. (93) 87
Lowe, C.R., see Britt, A.J. (93) 49
Luft, B.J., Pawagi, S., Jiang, W., Fiseene, S., Gorevic, P.D. and Dunn, J.
Analysis and expression of the *Borrelia burgdorferi* P/Gau fla gene: Identification of heterogeneity with the B31 strain (93) 63

Mabilat, C., see Vedel, G. (93) 161
Mackie, R.I., see Doerner, K.C. (93) 147
Maley, J., Shoemaker, N.B. and Roberts, I.S.
The introduction of colonic-*Bacteroides* shuttle plasmids into *Porphyromonas gingivalis*: Identification of a putative *P. gingivalis* insertion-sequence element (93) 75
Marco, S., Parro, V., Carrascosa, J.L. and Mellado, R.P.
Streptomyces lividans possesses a GroEL-like chaperonin (93) 127
Masuda, S., see Matsunaga, T. (93) 255
Matsunaga, T., Nakasono, S. and Masuda, S.
Electrochemical sterilization of bacteria adsorbed on granular activated carbon (93) 255
Mellado, R.P., see Marco, S. (93) 127
Miller, K.W., Risanico, S.S. and Risatti, J.B.
Differential tolerance of *Sulfolobus* strains to transition metals (93) 69
Milton, I.D., Vlasak, R., Nowotny, N., Rodak, L. and Carter, M.J.
Genomic 3′ terminal sequence comparison of three isolates of rabbit haemorrhagic disease virus (93) 37
Mintz, C.S. and Zou, C.H.
Isolation and characterization of a lipopolysaccharide mutant of *Legionella pneumophila* (93) 249
Moxon, E.R., see Langford, P.R. (93) 43
Murakami, T., see Ishii, S. (93) 115

Nagai, M., Endoh, M., Burns, D.L. and Nakase, Y.
Bordetella heat-labile toxin causes release of radioactivity from smooth muscle cells labeled with [^{14}C]arachidonic acid (93) 133
Nakase, Y., see Nagai, M. (93) 133
Nakasono, S., see Matsunaga, T. (93) 255
Noble, W.C., Virani, Z. and Cree, R.G.A.
Co-transfer of vancomycin and other resistance genes from *Enterococcus faecalis* NCTC 12201 to *Staphylococcus aureus* (93) 195
Noguchi, N., see Sasatsu, M. (93) 109
Novák, J., Hájek, P., Řezanka, T. and Vaněk, Z.
Nitrogen regulation of fatty acids and avermectins biosynthesis in *Streptomyces avermitilis* (93) 57

Novikova, N. and Safronova, V.
Transconjugants of *Agrobacterium radiobacter* harbouring sym genes of *Rhizobium galegae* can form an effective symbiosis with *Medicago sativa* (93) 261
Nowotny, N., see Milton, I.D. (93) 37
Nyström, U., see Sellstedt, A. (93) 1

Olsen, J., see Eriksen, S.H. (93) 279
Oskam, L., Venema, G. and Bron, S.
Plasmid maintenance in *Bacillus stearothermophilus* is strain-dependent (93) 203

Paepe, N., see Vaneechoutte, M. (93) 227
Park, J.C., Bai, S., Tai, C.Y. and Chun, S.B.
Nucleotide sequence of the extracellular α-amylase gene in the yeast *Schwanniomyces occidentalis* ATCC 26077 (93) 17
Parro, V., see Marco, S. (93) 127
Paul, G., see Vedel, G. (93) 161
Pawagi, S., see Luft, B.J. (93) 63
Perlin, M.H., see Kocabiyik, S. (93) 199
Philippon, A., see Vedel, G. (93) 161
Picard, B., see Vedel, G. (93) 161
Pulverer, G., see Akatova, E. (93) 93

Ramirez-Santos, J., Alvarez, G., Cisneros, E. and Gomez-Eichelmann, M.C.
Distribution of insertion sequence IS*1* in multiple-antibiotic resistant clinical Enterobacteriaceae strains (93) 189
Record, C.O., see Al-Jumaili, I. (93) 121
Řezanka, T., see Novák, J. (93) 57
Risanico, S.S., see Miller, K.W. (93) 69
Risatti, J.B., see Miller, K.W. (93) 69
Roberts, I.S., see Maley, J. (93) 75
Rodak, L., see Milton, I.D. (93) 37
Roggenkamp, R., see Keizer, I. (93) 7
Rossau, R., see Vaneechoutte, M. (93) 227
Rossi, N., see Casella, S. (93) 213
Ruiz Santa Quiteria, J.A., Cid, D., Bellahsene, R., Suárez, G. and De la Fuente, R.
Polyclonal antibodies against *Staphylococcus aureus* ATCC 12600 catalase do not recognize any protein in cellular extracts from *S. aureus* subsp. *anaerobius* (93) 173

Safronova, V., see Novikova, N. (93) 261
Sahl, H.-G., see Scott, J.C. (93) 97
Šajbidor, J. and Grego, J.
Fatty acid alterations in *Saccharomyces cerevisiae* exposed to ethanol stress (93) 13
Sasatsu, M., Shibata, Y., Noguchi, N. and Kono, M.
High-level resistance to ethidium bromide and antiseptics in *Staphylococcus aureus* (93) 109
Schlegel, H.G., see Hustede, E. (93) 285
Schumacher-Perdreau, F., see Akatova, E. (93) 93
Scotland, S.M., see Al-Jumaili, I. (93) 121
Scott, J.C., Sahl, H.-G., Carne, A. and Tagg, J.R.
Lantibiotic-mediated anti-lactobacillus activity of a vaginal *Staphylococcus aureus* isolate (93) 97
Sehlin, H.M. and Lindström, E.B.
Oxidation and reduction of arsenic by *Sulfolobus acidocaldarius* strain BC (93) 87
Sellstedt, A., Wullings, B., Nyström, U. and Gustafsson, P.
Identification of *Casuarina-Frankia* strains by use of polymerase chain reaction (PCR) with arbitrary primers (93) 1
Serrano-Carreon, L., Hathout, Y., Bensoussan, M. and Belin, J.-M.
Lipid accumulation in *Trichoderma* species (93) 181
Shibata, Y., see Sasatsu, M. (93) 109
Shishido, K., see Ishii, S. (93) 115
Shoemaker, N.B., see Maley, J. (93) 75
Shoun, H., see Tanimoto, T. (93) 177
Stanton, Th.B., see Jensen, N.S. (93) 235
Steinbüchel, A., see Hustede, E. (93) 285
Suárez, G., see Ruiz Santa Quiteria, J.A. (93) 173
Suzuki, S., see Fukagawa, T. (93) 83
Suzuki, T., see Fukagawa, T. (93) 83

Tagg, J.R., see Scott, J.C. (93) 97
Tai, C.Y., see Park, J.C. (93) 17
Takama, K., see Fukagawa, T. (93) 83
Tanimoto, T., Hatano, K.-i., Kim, D.-h., Uchiyama, H. and Shoun, H.
Co-denitrification by the denitrifying system of the fungus *Fusarium oxysporum* (93) 177
Toffanin, A., see Casella, S. (93) 213
Toledo, J.C., see Garí, E. (93) 103
Tsygankov, Y.D., see Kiriukhin, M.Y. (93) 155

Uchiyama, H., see Tanimoto, T. (93) 177

Vaneechoutte, M., Rossau, R., De Vos, P., Gillis, M., Janssens, D., Paepe, N., De Rouck, A., Fiers, T., Claeys, G. and Kersters, K.
Rapid identification of bacteria of the Comamonadaceae with amplified ribosomal DNA-restriction analysis (ARDRA) (93) 227
Vaněk, Z., see Novák, J. (93) 57
Vedel, G., Mabilat, C., Goussard, S., Picard, B., Fournier, G., Gilly, L., Paul, G. and Philippon, A.
Two variants of transferrable extended-spectrum TEM-β-lactamase successively isolated from a clinical *Escherichia coli* isolate (93) 161
Veenhuis, M., see Keizer, I. (93) 7
Venema, G., see Oskam, L. (93) 203
Virani, Z., see Noble, W.C. (93) 195
Vlasak, R., see Milton, I.D. (93) 37

Wallbanks, S., see Farrow, J.A.E. (93) 167
White, B.A., see Doerner, K.C. (93) 147
Wullings, B., see Sellstedt, A. (93) 1

Zou, C.H., see Mintz, C.S. (93) 249

FEMS Microbiology Letters

SUBJECT INDEX VOLUME 93

Adenyl cyclase
cAMP-phosphodiesterase; Photo-induced conidiation; *Trichoderma viride* (Kolarova, N. (93) 275)

Agrobacterium radiobacter
Symbiotic plasmid; Mobilization; *Rhizobium galegae*; *Rhizobium meliloti*; *Agrobacterium tumefaciens* (Novikova, N. (93) 261)

Agrobacterium tumefaciens
Symbiotic plasmid; Mobilization; *Rhizobium galegae*; *Rhizobium meliloti*; *Agrobacterium radiobacter* (Novikova, N. (93) 261)

Alcaligenes eutrophus
PHB synthase; Poly(3-hydroxybutyric acid); Biodegradable polyester; PHB granule; *Rhodobacter sphaeroides*; *Rhodospirillum rubrum* (Hustede, E. (93) 285)

Alcohol oxidase
Peroxisomes; Crystalloids; Catalase; Immunocytochemistry; *Hansenula polymorpha* (Keizer, I. (93) 7)

D-Amino acids
Escherichia coli; Peptidoglycan; Murein; Cell wall; Ether-treated cell (Caparrós, M. (93) 139)

Aminoglycoside 3′-phosphotransferase
Kanamycin resistance; Site-specific mutation (Kocabiyik, S. (93) 199)

cAMP-phosphodiesterase
Adenyl cyclase; Photo-induced conidiation; *Trichoderma viride* (Kolarova, N. (93) 275)

α-Amylase gene cloning and sequencing
Schwannimyces occidentalis; Comparison with genes of other strains (Park, J.C. (93) 17)

Antibiotic resistance
Insertion sequence; IS*1*; Clinical strains (Ramirez-Santos, J. (93) 189)

Antibiotics
DNA gyrase; *Rhodobacter capsulatus*; *gyrB* Gene; Coumermycin; Novobiocin; Sites of action (Kranz, R.G. (93) 25)

Antiseptic
Staphylococcus aureus; Ethidium bromide; Gene duplication; Inverted repeat sequence (Sasatsu, M. (93) 109)

Arachidonic acid
Bordetella; Heat-labile toxin; Smooth muscle cells (Nagai, M. (93) 133)

Arsenate reduction
Sulfolobus acidocaldarius; Enzymatic arsenite oxidation; Bioleaching; Arsenic toxicity; Arsenic resistance (Sehlin, H.M. (93) 87)

Arsenic resistance
Sulfolobus acidocaldarius; Enzymatic arsenite oxidation; Arsenate reduction; Bioleaching; Arsenic toxicity (Sehlin, H.M. (93) 87)

Arsenic toxicity
Sulfolobus acidocaldarius; Enzymatic arsenite oxidation; Arsenate reduction; Bioleaching; Arsenic resistance (Sehlin, H.M. (93) 87)

Arthrobacter globiformis
Extracellular polysaccharide; *Azolla* spp. (Forni, C. (93) 269)

Astaxanthin
Protoplast fusion; *Phaffia rhodozyma*; Strain improvement; Carotenoid (Chun, S.B. (93) 221)

Avermectin
Fatty acid; Nitrogen regulation; *Streptomyces avermitilis* (Novák, J. (93) 57)

***Azolla* spp.**
Arthrobacter globiformis; Extracellular polysaccharide (Forni, C. (93) 269)

Bacillus
Phylogeny; *Planococcus*; *Marinococcus*; *Sporosarcina* (Farrow, J.A.E. (93) 167)

Bacillus stearothermophilus
Thermophilic *Bacillus*; Segregational plasmid stability; Rolling-circle replication; pTB19; pTB913 (Oskam, L. (93) 203)

Biodegradable polyester
PHB synthase; Poly(3-hydroxybutyric acid); PHB granule; *Rhodobacter sphaeroides*; *Rhodospirillum rubrum*; *Alcaligenes eutrophus* (Hustede, E. (93) 285)

Bioleaching
Sulfolobus acidocaldarius; Enzymatic arsenite oxidation; Arsenate reduction; Arsenic toxicity; Arsenic resistance (Sehlin, H.M. (93) 87)

Bordetella
Heat-labile toxin; Arachidonic acid; Smooth muscle cells (Nagai, M. (93) 133)

Borrelia burgdorferi
Flagellin, P/Gau (Luft, B.J. (93) 63)

Bradyrhizobium
Lipopolysaccharide; Rhizobium; Mutant strain; Plasmid (Casella, S. (93) 213)

pBR322 Genome
Supercoiling; DNA gyrase; Topoisomerase I; pSC101-*par* Sequence; *Escherichia coli* (Ishii, S. (93) 115)

Carbon source effect
Trichoderma harzianum; *Trichoderma viride*; Lipid biosynthesis; Nitrogen source effect (Serrano-Carreon, L. (93) 181)

Carotenoid
Protoplast fusion; *Phaffia rhodozyma*; Strain improvement; Astaxanthin (Chun, S.B. (93) 221)

Carotenoids biosynthesis
Methoxyneurosporene dehydrogenase; DNA sequence; *Rhodobacter sphaeroides* (Garí, E. (93) 103)

Cassette
β-Glucuronidase; Regulation studies; Recombinant DNA (Bardonnet, N. (93) 243)

Casuarinaceae
Frankia; Identification; Polymerase chain reaction; Polymorphism (Sellstedt, A. (93) 1)

Catalase
Peroxisomes; Alcohol oxidase; Crystalloids; Immunocytochemistry; *Hansenula polymorpha* (Keizer, I. (93) 7)

Staphylococcus aureus subsp. *anaerobius*; Immunoblotting (Ruiz Santa Quiteria, J.A. (93) 173)

Cell wall
Escherichia coli; Peptidoglycan; Murein; D-Amino acids; Ether-treated cell (Caparrós, M. (93) 139)

Chaperonin
Streptomycete; GroEL; Heat shock (Marco, S. (93) 127)

Clinical strains
Insertion sequence; IS*1*; Antibiotic resistance (Ramirez-Santos, J. (93) 189)

Co-denitrification
Nitrosation; Denitrification; *Fusarium oxysporum* (Tanimoto, T. (93) 177)

Comamonadaceae
rDNA; Enzymatic amplification; Restriction analysis; Identification (Vaneechoutte, M. (93) 227)

Comparison with genes of other strains
Schwannimyces occidentalis; α-Amylase gene cloning and sequencing (Park, J.C. (93) 17)

Conidia
Thermophilic fungus; Morphology; Germination; *Thermomyces lanuginosus* (Eriksen, S.H. (93) 279)

Conjugative transfer
Staphylococcus aureus; *Enterococcus faecalis*; Vancomycin resistance; Erythromycin resistance (Noble, W.C. (93) 195)

Continuous culture
Haemophilus influenzae; Lipopolysaccharide; Nutrient-limitation; Outer-membrane proteins (Langford, P.R. (93) 43)

Coumermycin
DNA gyrase; *Rhodobacter capsulatus*; *gyrB* Gene; Novobiocin; Sites of action; Antibiotics (Kranz, R.G. (93) 25)

Crystalloids
Peroxisomes; Alcohol oxidase; Catalase; Immunocytochemistry; *Hansenula polymorpha* (Keizer, I. (93) 7)

Denitrification
Co-denitrification; Nitrosation; *Fusarium oxysporum* (Tanimoto, T. (93) 177)

rDNA
Comamonadaceae; Enzymatic amplification; Restriction analysis; Identification (Vaneechoutte, M. (93) 227)

DNA gyrase
Rhodobacter capsulatus; *gyrB* Gene; Coumermycin; Novobiocin; Sites of action; Antibiotics (Kranz, R.G. (93) 25)

Supercoiling; Topoisomerase I; pSC101-*par* Sequence; pBR322 Genome; *Escherichia coli* (Ishii, S. (93) 115)

DNA-probe
Staphylococcus haemolyticus; Species identification (Akatova, E. (93) 93)

DNA sequence
Methoxyneurosporene dehydrogenase; Carotenoids biosynthesis; *Rhodobacter sphaeroides* (Garí, E. (93) 103)

Electrochemical sterilization
Granular activated carbon; Water treatment; Growth inhibition (Matsunaga, T. (93) 255)

Enterococcus faecalis
Staphylococcus aureus; Vancomycin resistance; Erythromycin resistance; Conjugative transfer (Noble, W.C. (93) 195)

Enzymatic amplification
Comamonadaceae; rDNA; Restriction analysis; Identification (Vaneechoutte, M. (93) 227)

Enzymatic arsenite oxidation
Sulfolobus acidocaldarius; Arsenate reduction; Bioleaching; Arsenic toxicity; Arsenic resistance (Sehlin, H.M. (93) 87)

Erythromycin resistance
Staphylococcus aureus; *Enterococcus faecalis*; Vancomycin resistance; Conjugative transfer (Noble, W.C. (93) 195)

Escherichia coli
Supercoiling; DNA gyrase; Topoisomerase I; pSC101-*par* Sequence; pBR322 Genome (Ishii, S. (93) 115)

Verocytotoxin; Mitomycin C (Al-Jumaili, I. (93) 121)

Peptidoglycan; Murein; D-Amino acids; Cell wall; Ether-treated cell (Caparrós, M. (93) 139)

TEM-β-lactamases; In vivo selection; β-Lactamase (Vedel, G. (93) 161)

Ethanol
Fatty acid; *Saccharomyces cerevisiae* (Šajbidor, J. (93) 13)

Ether-treated cell
Escherichia coli; Peptidoglycan; Murein; D-Amino acids; Cell wall (Caparrós, M. (93) 139)

Ethidium bromide
Staphylococcus aureus; Antiseptic; Gene duplication; Inverted repeat sequence (Sasatsu, M. (93) 109)

Extracellular polysaccharide
Arthrobacter globiformis; *Azolla* spp. (Forni, C. (93) 269)

Fatty acid
Saccharomyces cerevisiae; Ethanol (Šajbidor, J. (93) 13)

Nitrogen regulation; Avermectin; *Streptomyces avermitilis* (Novák, J. (93) 57)

Flagellin, P/Gau
Borrelia burgdorferi (Luft, B.J. (93) 63)

Frankia
Casuarinaceae; Identification; Polymerase chain reaction; Polymorphism (Sellstedt, A. (93) 1)

Fusarium oxysporum
Co-denitrification; Nitrosation; Denitrification (Tanimoto, T. (93) 177)

***gyrB* Gene**
DNA gyrase; *Rhodobacter capsulatus*; Coumermycin; Novobiocin; Sites of action; Antibiotics (Kranz, R.G. (93) 25)

Gene duplication
Staphylococcus aureus; Ethidium bromide; Antiseptic; Inverted repeat sequence (Sasatsu, M. (93) 109)

Germination
Thermophilic fungus; Morphology; Conidia; *Thermomyces lanuginosus* (Eriksen, S.H. (93) 279)

β-Glucanase
mRNA transcripts; Regulation; Ruminococcus flavefaciens (Doerner, K.C. (93) 147)

β-Glucuronidase
Regulation studies; Recombinant DNA; Cassette (Bardonnet, N. (93) 243)

Glutamate dehydrogenase
Methylobacillus flagellatum; Obligate methylotroph (Kiriukhin, M.Y. (93) 155)

Granular activated carbon
Electrochemical sterilization; Water treatment; Growth inhibition (Matsunaga, T. (93) 255)

GroEL
Streptomycete; Chaperonin; Heat shock (Marco, S. (93) 127)

Growth inhibition
Electrochemical sterilization; Granular activated carbon; Water treatment (Matsunaga, T. (93) 255)

Haemophilus influenzae
Continuous culture; Lipopolysaccharide; Nutrient-limitation; Outer-membrane proteins (Langford, P.R. (93) 43)

Hansenula polymorpha
Peroxisomes; Alcohol oxidase; Crystalloids; Catalase; Immunocytochemistry (Keizer, I. (93) 7)

Heat-labile toxin
Bordetella; Arachidonic acid; Smooth muscle cells (Nagai, M. (93) 133)

Heat shock
Streptomycete; Chaperonin; GroEL (Marco, S. (93) 127)

Identification
Casuarinaceae; *Frankia*; Polymerase chain reaction; Polymorphism (Sellstedt, A. (93) 1)

Comamonadaceae; rDNA; Enzymatic amplification; Restriction analysis (Vaneechoutte, M. (93) 227)

Immunoblotting
Staphylococcus aureus subsp. *anaerobius*; Catalase (Ruiz Santa Quiteria, J.A. (93) 173)

Immunocytochemistry
Peroxisomes; Alcohol oxidase; Crystalloids; Catalase; *Hansenula polymorpha* (Keizer, I. (93) 7)

Insertion sequence
IS*1*; Clinical strains; Antibiotic resistance (Ramirez-Santos, J. (93) 189)

Intracellular growth
Legionella pneumophila; Lipopolysaccharide mutant (Mintz, C.S. (93) 249)

Inverted repeat sequence
Staphylococcus aureus; Ethidium bromide; Antiseptic; Gene duplication (Sasatsu, M. (93) 109)

In vivo selection
TEM-β-lactamases; *Escherichia coli*; β-Lactamase (Vedel, G. (93) 161)

IS*1*
Insertion sequence; Clinical strains; Antibiotic resistance (Ramirez-Santos, J. (93) 189)

Kanamycin resistance
Aminoglycoside 3′-phosphotransferase; Site-specific mutation (Kocabiyik, S. (93) 199)

β-Lactamase
TEM-β-lactamases; In vivo selection; *Escherichia coli* (Vedel, G. (93) 161)

Lactobacilli
Lantibiotic; *Staphylococcus aureus* (Scott, J.C. (93) 97)

Lantibiotic
Staphylococcus aureus; Lactobacilli (Scott, J.C. (93) 97)

Legionella pneumophila
Lipopolysaccharide mutant; Intracellular growth (Mintz, C.S. (93) 249)

Lipid biosynthesis
Trichoderma harzianum; *Trichoderma viride*; Carbon source effect; Nitrogen source effect (Serrano-Carreon, L. (93) 181)

Lipopolysaccharide
Continuous culture; *Haemophilus influenzae*; Nutrient-limitation; Outer-membrane proteins (Langford, P.R. (93) 43)

Rhizobium; Bradyrhizobium; Mutant strain; Plasmid (Casella, S. (93) 213)

Lipopolysaccharide mutant
Legionella pneumophila; Intracellular growth (Mintz, C.S. (93) 249)

Marine bacteria
Tributyltin chloride; *Vibrio* (Fukagawa, T. (93) 83)

Marinococcus
Phylogeny; *Planococcus*; *Sporosarcina*; *Bacillus* (Farrow, J.A.E. (93) 167)

Methoxyneurosporene dehydrogenase
Carotenoids biosynthesis; DNA sequence; *Rhodobacter sphaeroides* (Garí, E. (93) 103)

Methylobacillus flagellatum
Obligate methylotroph; Glutamate dehydrogenase (Kiriukhin, M.Y. (93) 155)

Methylococcus capsulatus
Unsaturated fatty acid; Methyl sterol; Temperature effect (Jahnke, L.L. (93) 209)

Methyl sterol
Methylococcus capsulatus; Unsaturated fatty acid; Temperature effect (Jahnke, L.L. (93) 209)

Mitomycin C
Escherichia coli; Verocytotoxin (Al-Jumaili, I. (93) 121)

Mobilization
Symbiotic plasmid; *Rhizobium galegae*; *Rhizobium meliloti*; *Agrobacterium radiobacter*; *Agrobacterium tumefaciens* (Novikova, N. (93) 261)

Molecular cloning
Urease; *Staphylococcus epidermidis*; *Staphylococcus carnosus* (Grüter, L. (93) 33)

Morphology
Thermophilic fungus; Conidia; Germination; *Thermomyces lanuginosus* (Eriksen, S.H. (93) 279)

Murein
Escherichia coli; Peptidoglycan; D-Amino acids; Cell wall; Ether-treated cell (Caparrós, M. (93) 139)

Mutant strain
Lipopolysaccharide; Rhizobium; Bradyrhizobium; Plasmid (Casella, S. (93) 213)

NAD$^+$-dependent oxido-reductase
Secondary alcohol dehydrogenase; *Pseudomonas maltophilia* (Britt, A.J. (93) 49)

Nickel resistance
Transition metals; *Sulfolobus* spp.; Taxonomy (Miller, K.W. (93) 69)

Nitrogen regulation
Fatty acid; Avermectin; *Streptomyces avermitilis* (Novák, J. (93) 57)

Nitrogen source effect
Trichoderma harzianum; *Trichoderma viride*; Lipid biosynthesis; Carbon source effect (Serrano-Carreon, L. (93) 181)

Nitrosation
Co-denitrification; Denitrification; *Fusarium oxysporum* (Tanimoto, T. (93) 177)

Novobiocin
DNA gyrase; *Rhodobacter capsulatus*; *gyrB* Gene; Coumermycin; Sites of action; Antibiotics (Kranz, R.G. (93) 25)

Nucleotide sequence comparison
Rabbit calicivirus (Milton, I.D. (93) 37)

Nutrient-limitation
Continuous culture; *Haemophilus influenzae*; Lipopolysaccharide; Outer-membrane proteins (Langford, P.R. (93) 43)

Obligate methylotroph
Methylobacillus flagellatum; Glutamate dehydrogenase (Kiriukhin, M.Y. (93) 155)

Outer-membrane proteins
Continuous culture; *Haemophilus influenzae*; Lipopolysaccharide; Nutrient-limitation (Langford, P.R. (93) 43)

Peptidoglycan
Escherichia coli; Murein; D-Amino acids; Cell wall; Ether-treated cell (Caparrós, M. (93) 139)

Peroxisomes
Alcohol oxidase; Crystalloids; Catalase; Immunocytochemistry; *Hansenula polymorpha* (Keizer, I. (93) 7)

Phaffia rhodozyma
Protoplast fusion; Strain improvement; Carotenoid; Astaxanthin (Chun, S.B. (93) 221)

PHB granule
PHB synthase; Poly(3-hydroxybutyric acid); Biodegradable polyester; *Rhodobacter sphaeroides*; *Rhodospirillum rubrum*; *Alcaligenes eutrophus* (Hustede, E. (93) 285)

PHB synthase
Poly(3-hydroxybutyric acid); Biodegradable polyester; PHB granule; *Rhodobacter sphaeroides*; *Rhodospirillum rubrum*; *Alcaligenes eutrophus* (Hustede, E. (93) 285)

Photo-induced conidiation
Adenyl cyclase; cAMP-phosphodiesterase; *Trichoderma viride* (Kolarova, N. (93) 275)

Phylogeny
Planococcus; *Marinococcus*; *Sporosarcina*; *Bacillus* (Farrow, J.A.E. (93) 167)

Planococcus
Phylogeny; *Marinococcus*; *Sporosarcina*; *Bacillus* (Farrow, J.A.E. (93) 167)

Plasmid
Lipopolysaccharide; Rhizobium; Bradyrhizobium; Mutant strain (Casella, S. (93) 213)

Poly(3-hydroxybutyric acid)
PHB synthase; Biodegradable polyester; PHB granule; *Rhodobacter sphaeroides*; *Rhodospirillum rubrum*; *Alcaligenes eutrophus* (Hustede, E. (93) 285)

Polymerase chain reaction
Casuarinaceae; *Frankia*; Identification; Polymorphism (Sellstedt, A. (93) 1)

Polymorphism
Casuarinaceae; *Frankia*; Identification; Polymerase chain reaction (Sellstedt, A. (93) 1)

Protoplast fusion
Phaffia rhodozyma; Strain improvement; Carotenoid; Astaxanthin (Chun, S.B. (93) 221)

Pseudomonas maltophilia
Secondary alcohol dehydrogenase; NAD^+-dependent oxidoreductase (Britt, A.J. (93) 49)

Rabbit calicivirus
Nucleotide sequence comparison (Milton, I.D. (93) 37)

Recombinant DNA
β-Glucuronidase; Regulation studies; Cassette (Bardonnet, N. (93) 243)

Regulation
β-Glucanase; mRNA transcripts; Ruminococcus flavefaciens (Doerner, K.C. (93) 147)

Regulation studies
β-Glucuronidase; Recombinant DNA; Cassette (Bardonnet, N. (93) 243)

Restriction analysis
Comamonadaceae; rDNA; Enzymatic amplification; Identification (Vaneechoutte, M. (93) 227)

RFLP analysis
Serpulina hyodysenteriae; *Treponema hyodysenteriae*; Swine dysentery; Ribotyping; Spirochete (Jensen, N.S. (93) 235)

Rhizobium
Lipopolysaccharide; Bradyrhizobium; Mutant strain; Plasmid (Casella, S. (93) 213)

Rhizobium galegae
Symbiotic plasmid; Mobilization; *Rhizobium meliloti*; *Agrobacterium radiobacter*; *Agrobacterium tumefaciens* (Novikova, N. (93) 261)

Rhizobium meliloti
Symbiotic plasmid; Mobilization; *Rhizobium galegae*; *Agrobacterium radiobacter*; *Agrobacterium tumefaciens* (Novikova, N. (93) 261)

Rhodobacter capsulatus
DNA gyrase; *gyrB* Gene; Coumermycin; Novobiocin; Sites of action; Antibiotics (Kranz, R.G. (93) 25)

Rhodobacter sphaeroides
Methoxyneurosporene dehydrogenase; Carotenoids biosynthesis; DNA sequence (Garí, E. (93) 103)

PHB synthase; Poly(3-hydroxybutyric acid); Biodegradable polyester; PHB granule; *Rhodospirillum rubrum*; *Alcaligenes eutrophus* (Hustede, E. (93) 285)

Rhodospirillum rubrum
PHB synthase; Poly(3-hydroxybutyric acid); Biodegradable polyester; PHB granule; *Rhodobacter sphaeroides*; *Alcaligenes eutrophus* (Hustede, E. (93) 285)

Ribotyping
Serpulina hyodysenteriae; *Treponema hyodysenteriae*; Swine dysentery; Spirochete; RFLP analysis (Jensen, N.S. (93) 235)

mRNA transcripts
β-Glucanase; Regulation; Ruminococcus flavefaciens (Doerner, K.C. (93) 147)

Rolling-circle replication
Thermophilic *Bacillus*; Segregational plasmid stability; pTB19; pTB913; *Bacillus stearothermophilus* (Oskam, L. (93) 203)

Ruminococcus flavefaciens
β-Glucanase; mRNA transcripts; Regulation (Doerner, K.C. (93) 147)

Saccharomyces cerevisiae
Fatty acid; Ethanol (Šajbidor, J. (93) 13)

Schwannimyces occidentalis
α-Amylase gene cloning and sequencing; Comparison with genes of other strains (Park, J.C. (93) 17)

pSC101-*par* Sequence
Supercoiling; DNA gyrase; Topoisomerase I; pBR322 Genome; *Escherichia coli* (Ishii, S. (93) 115)

Secondary alcohol dehydrogenase
Pseudomonas maltophilia; NAD^+-dependent oxido-reductase (Britt, A.J. (93) 49)

Segregational plasmid stability
Thermophilic *Bacillus*; Rolling-circle replication; pTB19; pTB913; *Bacillus stearothermophilus* (Oskam, L. (93) 203)

Serpulina hyodysenteriae
Treponema hyodysenteriae; Swine dysentery; Ribotyping; Spirochete; RFLP analysis (Jensen, N.S. (93) 235)

Sites of action
DNA gyrase; *Rhodobacter capsulatus*; *gyrB* Gene; Coumermycin; Novobiocin; Antibiotics (Kranz, R.G. (93) 25)

Site-specific mutation
Aminoglycoside 3′-phosphotransferase; Kanamycin resistance (Kocabiyik, S. (93) 199)

Smooth muscle cells
Bordetella; Heat-labile toxin; Arachidonic acid (Nagai, M. (93) 133)

Species identification
Staphylococcus haemolyticus; DNA-probe (Akatova, E. (93) 93)

Spirochete
Serpulina hyodysenteriae; *Treponema hyodysenteriae*; Swine dysentery; Ribotyping; RFLP analysis (Jensen, N.S. (93) 235)

Sporosarcina
Phylogeny; *Planococcus*; *Marinococcus*; *Bacillus* (Farrow, J.A.E. (93) 167)

Staphylococcus aureus
Lantibiotic; Lactobacilli (Scott, J.C. (93) 97)

Ethidium bromide; Antiseptic; Gene duplication; Inverted repeat sequence (Sasatsu, M. (93) 109)

Enterococcus faecalis; Vancomycin resistance; Erythromycin resistance; Conjugative transfer (Noble, W.C. (93) 195)

Staphylococcus aureus* subsp. *anaerobius
Catalase; Immunoblotting (Ruiz Santa Quiteria, J.A. (93) 173)

Staphylococcus carnosus
Urease; *Staphylococcus epidermidis*; Molecular cloning (Grüter, L. (93) 33)

Staphylococcus epidermidis
Urease; *Staphylococcus carnosus*; Molecular cloning (Grüter, L. (93) 33)

Staphylococcus haemolyticus
DNA-probe; Species identification (Akatova, E. (93) 93)

Strain improvement
Protoplast fusion; *Phaffia rhodozyma*; Carotenoid; Astaxanthin (Chun, S.B. (93) 221)

Streptomyces avermitilis
Fatty acid; Nitrogen regulation; Avermectin (Novák, J. (93) 57)

Streptomycete
Chaperonin; GroEL; Heat shock (Marco, S. (93) 127)

Sulfolobus acidocaldarius
Enzymatic arsenite oxidation; Arsenate reduction; Bioleaching; Arsenic toxicity; Arsenic resistance (Sehlin, H.M. (93) 87)

***Sulfolobus* spp.**
Transition metals; Nickel resistance; Taxonomy (Miller, K.W. (93) 69)

Supercoiling
DNA gyrase; Topoisomerase I; pSC101-*par* Sequence; pBR322 Genome; *Escherichia coli* (Ishii, S. (93) 115)

Swine dysentery
Serpulina hyodysenteriae; *Treponema hyodysenteriae*; Ribotyping; Spirochete; RFLP analysis (Jensen, N.S. (93) 235)

Symbiotic plasmid
Mobilization; *Rhizobium galegae*; *Rhizobium meliloti*; *Agrobacterium radiobacter*; *Agrobacterium tumefaciens* (Novikova, N. (93) 261)

Taxonomy
Transition metals; *Sulfolobus* spp.; Nickel resistance (Miller, K.W. (93) 69)

pTB19
Thermophilic *Bacillus*; Segregational plasmid stability; Rolling-circle replication; pTB913; *Bacillus stearothermophilus* (Oskam, L. (93) 203)

pTB913
Thermophilic *Bacillus*; Segregational plasmid stability; Rolling-circle replication; pTB19; *Bacillus stearothermophilus* (Oskam, L. (93) 203)

TEM-β-lactamases
In vivo selection; *Escherichia coli*; β-Lactamase (Vedel, G. (93) 161)

Temperature effect
Methylococcus capsulatus; Unsaturated fatty acid; Methyl sterol (Jahnke, L.L. (93) 209)

Thermomyces lanuginosus
Thermophilic fungus; Morphology; Conidia; Germination (Eriksen, S.H. (93) 279)

Thermophilic *Bacillus*
Segregational plasmid stability; Rolling-circle replication; pTB19; pTB913; *Bacillus stearothermophilus* (Oskam, L. (93) 203)

Thermophilic fungus
Morphology; Conidia; Germination; *Thermomyces lanuginosus* (Eriksen, S.H. (93) 279)

Topoisomerase I
Supercoiling; DNA gyrase; pSC101-*par* Sequence; pBR322 Genome; *Escherichia coli* (Ishii, S. (93) 115)

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Treponema hyodysenteriae
Serpulina hyodysenteriae; Swine dysentery; Ribotyping; Spirochete; RFLP analysis (Jensen, N.S. (93) 235)

Tributyltin chloride
Vibrio; Marine bacteria (Fukagawa, T. (93) 83)

Trichoderma harzianum
Trichoderma viride; Lipid biosynthesis; Carbon source effect; Nitrogen source effect (Serrano-Carreon, L. (93) 181)

Trichoderma viride
Trichoderma harzianum; Lipid biosynthesis; Carbon source effect; Nitrogen source effect (Serrano-Carreon, L. (93) 181)

Adenyl cyclase; cAMP-phosphodiesterase; Photo-induced conidiation (Kolarova, N. (93) 275)

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Staphylococcus epidermidis; *Staphylococcus carnosus*; Molecular cloning (Grüter, L. (93) 33)

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Verocytotoxin
Escherichia coli; Mitomycin C (Al-Jumaili, I. (93) 121)

Vibrio
Tributyltin chloride; Marine bacteria (Fukagawa, T. (93) 83)

Water treatment
Electrochemical sterilization; Granular activated carbon; Growth inhibition (Matsunaga, T. (93) 255)